PCT Receipt

Patent
Attorney's Docket No. 018773-030

#5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Noriko TAKEDA, et al.

Application No.: 09/890,800

Filed: August 3, 2001

For: COMMUNICATION MANAGEMENT TABLE TRANSFER SYSTEM, MANAGER, ENCRYPTOR, AND COMMUNICATION MANAGEMENT TABLE TRANSFER METHOD

Group Art Unit: 2131

Examiner: Unassigned

REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

Assistant Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, D.C. 20231

Sir:

Enclosed is a copy of the Official Filing Receipt marked in red to show correction that is needed. The correction is as follows.

Under the Title: delete, [Communication managing table transfer system and managing device, ciphering device, and communication managing table transfer method], and insert --Communication management table transfer system, manager, encryptor, and communication management table transfer method--.

Issuance of a corrected Official Filing Receipt is respectfully requested.

Respectfully submitted,

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UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/890,800	08/03/2001	2131	940	018773-030	15	12	4

CONFIRMATION NO. 7896

FILING RECEIPT

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Date Mailed: 09/13/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

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Domestic Priority data as claimed by applicant

THIS APPLICATION IS A 371 OF PCT/JP00/00474 01/28/2000

Foreign Applications

Mizoi Int'L Patent

Projected Publication Date: N/A

Non-Publication Request: No

Early Publication Request: No

Title

~~Communication managing table transfer system and managing device, ciphering device, and communication managing table transfer method~~

→Communication management table transfer system, manager, encryptor, and communication management table transfer method←

Preliminary Class

#5

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Bib Data Sheet

CONFIRMATION NO. 7896

SERIAL NUMBER	FILING DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
09/890,800	08/03/2001 RULE	380	2132	018773-030

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** CONTINUING DATA **********

THIS APPLICATION IS A 371 OF PCT/JP00/00474 01/28/2000

** FOREIGN APPLICATIONS **********

		STATE OR COUNTRY	SHEETS DRAWING	TOTAL CLAIMS	INDEPENDENT CLAIMS
Foreign Priority claimed	☐ yes ☐ no	JAPAN	15	12	4
35 USC 119 (a-d) conditions met	☐ yes ☐ no ☐ Met after Allowance				
Verified and Acknowledged	Examiner's Signature Initials				

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TITLE

COMMUNICATION MANAGEMENT TABLE TRANSFER SYSTEM, MANAGER, ENCRYPTOR, AND COMMUNICATION MANAGEMENT TABLE TRANSFER METHOD

FILING FEE RECEIVED	FEES: Authority has been given in Paper	
940	No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit

ENGLISH TRANSLATION FOR PCT/JP00/00474

SPECIFICATION

Communication Management Table Transfer System, Manager, Encryptor and Communication Management Table Transfer Method

Technical Field

The present invention relates to a communication management table transfer system including plural encryptors mutually connected through the Internet and a manager managing communication management table used by the plural encryptors for communication, and further relates to improvement of the security and the performance of the communication.

Background Art

Recently, system employing Virtual Private Network (VPN) has become popular. The VPN is a network in which a public network such as the Internet is virtually utilized as a private network using security technique such as encryption of data or authentication of a user. The virtual private network system enables to connect plural organizations through the public network as if they use exclusive communication lines like their internal network.

Fig. 13 shows an example of the virtual private network system. A reference numeral 1 shows the Internet, 11, 21, and 31 are encryptors, 12, 22, and 32 are routers, 13, 23, and 33 are firewalls, 14, 24, and 34 are subnets (internal networks), 15, 25, and 35 show communication terminals, and 36 shows a manager. These elements are connected as shown in the figure.